

WA 2917

Facility Name: _____
 ID Number: _____
 Inspector: _____
 Date: _____

DRAFT
 RCRA F-SOLVENT LAND RESTRICTION
 TREATMENT, STORAGE, AND DISPOSAL REQUIREMENTS CHECKLIST

no date

I. FACILITY IDENTIFICATION

see front cover sheet

A. Facility Name _____ B. Street (or other identifier) _____
 C. City _____ D. State _____ E. Zip Code _____ F. County Name _____
 G. Nature of business; identification of operations _____
 H. EPA ID # _____

I. Facility Contact (Name and Phone Number)

II.A. For onsite facilities, complete the generator checklist

Comments

B. General Facility Standards

1. Was waste analysis plan revised to cover Part 268 requirements [264.13 or 265.13]?
 Yes ☐ No ☒
2. Did facility obtain representative chemical and physical analysis of wastes and residues [264.13(a)/265.13(a)]?
 Yes ☒ No ☐
 - a. Did testing include analyses for all F001-F005 constituents?
 Yes ☐ No ☐ *where appropriate*
 - b. Were analyses performed using TCLP? Yes ☐ No ☒
 - c. Were analyses conducted onsite or offsite (identify offsite lab)?
 On ☐ Off: ☐
according to waste profile
 - d. Describe frequency of sampling *each shipment get fingerprint analysis*
 - e. Describe procedures used to identify manifest discrepancies *Truck trucks gauged during pumpout all samples tested for fpts & total chlorides*
3. Are the operating records, including analyses and quantities, complete [264.73/265.73]?
 Yes ☒ No ☐

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C. Storage [268.50]

Comments

1. a. Were restricted wastes exceeding treatment standards stored? ☐ Yes ☐ No
 If no, go to "D."
- b. Are all containers clearly marked to identify content and date(s) entering storage? ☐ Yes ☐ No
- c. Do operating records track the location, quantity and dates that waste exceeding treatment standards entered and were removed from storage? ☐ Yes ☐ No
- d. Do operating records agree with container labeling? ☐ Yes ☐ No
- e. Is waste exceeding treatment standards stored for less than 1 year? ☐ Yes ☐ No
 If yes, can you show that such accumulation is not necessary to facilitate proper recovery, treatment, or disposal? ☐ Yes ☐ No
 If yes, state how: _____
- f. Were tanks emptied at least once per year, and do operating records show that volume of waste removed from tanks annually at least equals tank volume? ☒ Yes ☐ No
- g. Was/is waste exceeding treatment standards stored for more than one year? ☐ Yes ☒ No
 If yes, state the owner/operator's proof that such storage was solely for the purposes of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal: _____
- h. Are F-solvent wastes exceeding treatment standards "stored" in surface impoundments? ☐ Yes ☒ No

None in storage at time of inspection

N/A no containers in storage

D. Treatment in Surface Impoundments [268.4]

1. Were F001-F005 wastes exceeding treatment standards placed in surface impoundments for treatment? ☐ Yes ☒ No

If no, go to E.

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- Comments
2. Did the facility submit a certification of compliance with minimum technology and ground water monitoring requirements, and the waste analysis plan to the Agency? N/A
___ Yes ___ No
3. Have the minimum technology requirements been met? N/A
___ Yes ___ No
- a. If the minimum technology requirements have not been met, has a waiver been granted for that unit(s)? N/A
___ Yes ___ No
4. Have the Subpart F ground-water monitoring requirements been met? N/A
___ Yes ___ No
5. Have representative samples of the sludge and supernatant from the surface impoundment been tested separately, acceptably, and in accordance with the sampling frequency and analysis specified in the waste analysis plan and are the results in the operating record [264.13/265.13] and [264.73/265.73]? N/A
___ Yes ___ No
6. Did the hazardous waste residue (sludge or liquid) exceed the treatment standards specified in [268.41]? N/A
___ Yes ___ No
7. Provide the frequency of analyses conducted on treatment residues: _____
8. Does the operating record adequately document the results of waste analyses performed in accordance with [268.41] and [264.73/265.73] N/A
___ Yes ___ No
9. Have the hazardous waste residues that exceed the treatment standards [268.41] been removed adequately and on an annual basis? N/A
___ Yes ___ No
- a. If answer is no and supernatant is determined to exceed treatment concentrations, is annual throughput greater than impoundment volume? N/A
___ Yes ___ No
10. If residues were removed annually, were adequate precautions taken to protect liners and do records indicate that inspections of liner integrity are performed? N/A
___ Yes ___ No
11. When removed, were solvent wastes managed subsequently in another surface impoundment? N/A
___ Yes ___ No

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12. When removed, were wastes treated prior to disposal? Yes No
a. If yes, are waste residues treated on or offsite? Onsite Offsite
b. Identify management method _____

Comments

N/A

↓

E. Treatment

1. Did the facility operate treatment facilities for F-solvent waste (not including surface impoundments)?
Yes ☒ No ☐

If no, go to "F."

2. Describe the treatment processes for F-solvent wastes.
storage in tanks Mixed with contaminated waste oils

3. Does the facility, in accordance with an acceptable waste analysis plan, verify that the residue extract from all treatment processes for the F-solvent wastes are less than treatment standards [268.7(b)(2)]? Yes No

N/A.

4. Describe frequency of testing of treatment residuals.

5. Was dilution used as a substitute for treatment [268.3]? Yes ~~No~~

6. Are certifications and results of waste analyses kept in the operating record [264.73(b)(3)/265.73(b)(3)] and [268.7(c)]? ~~Yes~~ No

7. Are notice with waste number, treatment standard, manifest number, and analytical data (where available) submitted for each shipment of waste or treatment residual that meets the treatment standard stating that waste has been treated to treatment performance standards [268.7(b)]? Yes X No

8. Are certifications submitted for each shipment
[268.7(b)(2)(i)]? Yes X No

Comments

1. Were F-solvent wastes placed in land disposal units (landfills, surface impoundments [for this question, do not include if in "D"] waste piles, wells, land treatment units, salt domes/beds, mines/caves concrete vault or bunker? ☐ Yes ☐ No
2. Did facility have the notice and certification from generators/treaters in its operating record [268.7(c); 268.7(a),(b)]? ☐ Yes ☐ No
3. Did the facility obtain waste analysis data through testing of the waste to determine that the wastes are in compliance with the applicable treatment standards [268.7(c)]? ☐ Yes ☐ No
If yes, at what frequency? _____
4. Were F-solvent wastes exceeding the treatment standards placed in land disposal units excluding national capacity variances [268.30(a)]? ☐ Yes ☐ No
If yes, did facility have an approved waiver based on no migration petition [268.6] or approved case-by-case capacity extension [268.5] or treatment standard variance [268.44]? ☐ Yes ☐ No
5. Were F-solvent wastes subject to a national or case-by-case capacity variance/extension disposed? ☐ Yes ☐ No
a. If yes, were these wastes disposed of in a facility that has a new, replacement, or laterally expanded landfill or impoundment? ☐ Yes ☐ No
If (a) is yes, have the minimum technology requirements been met for all such units at the facility [268.5(h)(2)] and [268.30(b)]? ☐ Yes ☐ No
6. Were adequate records of disposal maintained? ☐ Yes ☐ No
7. If wastes subject to a nationwide variance [268.30], case-by-case extensions [268.5], or no migration petitions [268.6] were disposed, does facility have notices [268.7(a)(3)] and records of disposal? ☐ Yes ☐ No
8. What is the volume of F-solvent waste disposed to date by waste?

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9. If the facility has a case-by-case extension, can the inspector verify that the facility is making progress as described in progress reports [268.5]? _____ Yes _____ No

Comments

N/A

APPENDIX B
TREATMENT STANDARDS FOR P-SOLVENTS

FO01-FO05 SPENT SOLVENTS	CONCENTRATION (IN MG/L)	
	WASTEWATERS	OTHER WASTES
Acetone	0.05	0.59
N-butyl alcohol	5.0	5.0
Carbon disulfide	1.05	4.81
Carbon tetrachloride	.05	.96
Chlorobenzene	.15	.05
Cresols (and cresylic acid)	2.82	.75
Cyclohexanone	.125	.75
1,2-dichlorobenzene	.65	.125
Ethyl acetate	.05	.75
Ethyl benzene	.05	.053
Ethyl ether	.05	.75
Isobutanol	5.0	5.0
Methanol	.25	.75
Methylene chloride	.20	.96
Methylene chloride (from the pharmaceutical industry)	12.7	.96
Methyl ethyl ketone	0.05	0.75
Methyl isobutyl ketone	0.05	0.33
Nitrobenzene	0.66	0.125
Pyridine	1.12	0.33
Tetrachloroethylene	0.079	0.05
Toluene	1.12	0.33
1,1,1-Trichloroethane	1.05	0.41
1,2,2-Trichloro 1,2,2-trifluoroethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane	0.05	0.96
Xylene	0.05	0.15

LIST OF U WASTES (40CFR 261.33(f))

[illegible]

[illegible]

[illegible]